

# Best Available Copy

PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 20

### Complete if Known

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	11302-1250

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
W	1	RE 25880		Cline	10/65	
	2	RE 28957		Drelich et al.	9/76	
	3	2,185,789		Jacque	1/40	
	4	2,265,913		Lilienfeld	12/41	
	5	2,306,451		Lilienfeld	12/42	
	6	2,831,852		Savage	4/58	
	7	3,097,991		Miller et al.	7/63	
	8	3,099,067		Merriam et al.	7/63	
	9	3,340,327		Spellberg	9/67	
	10	3,388,082		Rodgers	6/68	
	11	3,406,688		Cubitt	10/68	
	12	3,435,705		Harmon	12/69	
	13	3,453,261		Scherff	7/69	
	14	3,461,193		Gilardi	8/69	
	15	3,480,016		Costanza et al.	11/69	
	16	3,515,325		Kalwaites	6/70	
	17	3,521,638		Parrish	7/70	
	18	3,546,755		Lynch, Jr.	12/70	
	19	3,561,447		Alexander	2/71	
	20	3,564,677		Kalwaites	2/71	
	21	3,577,586		Kalwaites et al.	5/71	
	22	3,595,454		Kalwaites	7/71	
	23	3,616,797		Champaigne, Jr. et al.	11/71	
	24	3,639,199		Brandts et al.	2/72	
	25	3,654,064		Laumann	4/72	
	26	3,656,672		Kalwaites	4/72	
	27	3,663,348		Liloi et al.	5/72	
	28	3,665,923		Champaigne, Jr.	5/72	
	29	3,670,069		Mitchell et al.	6/72	
	30	3,670,731		Harron	6/72	
	31	3,683,919		Ells	8/72	
	32	3,702,610		Sheppard et al.	11/72	
	33	3,709,876		Glomski	1/73	
	34	3,712,847		Rasmussen	1/73	
	35	3,719,540		Hall	3/73	
	36	3,753,826		Plummer	8/73	
	37	3,800,797		Tunc	4/74	

RECEIVED  
OCT 10 2001  
TC 1700

Examiner  
Signature

*[Handwritten Signature]*

Date  
Considered

3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ATLUB02 52921.1



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>Substitute for Form 1449/A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/900,698
		Filing Date	July 6, 2001
		First Named Inventor	Lang et al.
		Group Art Unit	1771
		Examiner Name	
Sheet 2	of 11	Attorney Docket Number	11302-1250

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DW	38	3,804,092		Tunc	4/74	
	39	3,838,695		Comerford et al.	10/74	
	40	3,839,319		Greminger	10/74	
	41	3,859,125		Miller et al.	1/75	
	42	3,865,918		Mitchell et al.	2/75	
	43	3,867,324		Clendinning	2/75	
	44	3,867,549		Costello et al.	2/75	
	45	3,869,310		Fukushima et al.	3/75	
	46	3,881,210		Drach et al.	5/75	
	47	3,881,487		Schrading	5/75	
	48	3,882,869		Hanke	5/75	
	49	3,897,782		Tunc	8/75	
	50	3,911,917		Hanke	10/75	
	51	3,913,579		Srinivasan et al.	10/75	
	52	3,923,592		George et al.	12/75	
	53	3,926,951		Lindenfors et al.	11/75	
	54	3,939,836		Tunc	2/76	
	55	3,950,578		Laumann	4/76	
	56	3,952,745		Duncan	4/76	
	57	3,976,734		Dunning et al.	8/76	
	58	3,978,257		Ring	8/76	
	59	3,991,754		Gertzman	11/76	
	60	4,005,251		Tunc	1/77	
	61	4,009,313		Crawford et al.	2/77	
	62	4,011,871		Taft	3/77	
	63	4,032,993		Coquard et al.	7/77	
	64	4,035,540		Gander	7/77	
	65	4,073,777		O'Neill et al.	2/77	
	66	4,082,886		Butterworth et al.	4/78	
	67	4,084,033		Drelich	4/78	
	68	4,084,591		Takebe et al.	4/78	
	69	4,092,454		Domoto et al.	5/78	
	70	4,099,976		Kraskin et al.	7/78	
	71	4,112,167		Dake et al.	9/78	
	72	4,117,187		Adams et al.	9/78	
	73	4,136,798		Oberstein	1/79	
	74	4,154,883		Elias	5/79	
	75	4,171,713		Ammannati et al.	2/79	
	76	4,201,216		Mattei	5/80	

**RECEIVED**  
OCT 10 2001  
TC 1700

Examiner Signature		Date Considered	7-23-03
-----------------------	--	--------------------	---------

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ATLLIB02 52921.1



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>Substitute for Form 1449/A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/900,698
		Filing Date	July 6, 2001
		First Named Inventor	Lang et al.
		Group Art Unit	1771
		Examiner Name	
Sheet 3	of 11	Attorney Docket Number	11302-1250

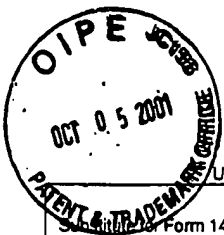
**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]	77	4,226,753		Lewis et al.	10/80	
	78	4,245,744		Daniels et al.	1/81	
	79	4,245,744		Daniels et al.	1/81	
	80	4,258,849		Miller	3/81	
	81	4,301,203		Keuchel	11/81	
	82	4,306,998		Wenzel et al.	12/81	
	83	4,332,319		Hurwood	6/82	
	84	4,343,134		Davidowich et al.	8/82	
	85	4,343,403		Daniels	8/82	
	86	4,344,804		Bijen et al.	8/82	
	87	4,372,447		Miller	2/83	
	88	4,377,544		Rasmussen	3/83	
	89	4,377,645		Guthrie et al.	3/83	
	90	4,385,019		Bernstein et al.	5/83	
	91	4,419,403		Varona	12/83	
92	4,440,105		Jeltema	4/84		
93	4,491,645		Thompson	1/85		
94	4,496,618		Okamoto	1/85		
95	4,511,687		Nakanishi	4/85		
96	4,512,279		Damrau et al.	4/85		
97	4,528,360		Fujita et al.	7/85		
98	4,564,389		Lal	6/86		
99	4,575,891		Valente	3/86		
100	4,585,835		Saegusa	4/86		
101	4,588,400		Ring et al.	5/86		
102	4,600,404		Sheldon et al.	7/86		
103	4,617,235		Shinonome et al.	10/86		
104	4,627,950		Matsui et al.	12/86		
105	4,638,017		Larson et al.	1/87		
106	4,702,947		Pall et al.	10/87		
107	4,738,992		Larson et al.	4/88		
108	4,755,421		Manning et al.	7/88		
109	4,755,421		Manning et al.	7/88		
110	4,792,326		Tews	12/88		
111	4,795,668		Krueger et al.	1/89		
112	4,814,131		Atlas	3/89		
113	4,837,078		Harrington	6/89		
114	4,855,132		Heller et al.	8/89		
115	4,894,118		Edwards et al.	1/90		

RECEIVED  
OCT 10 2001  
TC 1700

Examiner Signature	[Signature]	Date Considered	3-23-03
-----------------------	-------------	--------------------	---------

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Sheet	4	of	11	Application Number	09/900,698
				Filing Date	July 6, 2001
				First Named Inventor	Lang et al.
				Group Art Unit	1771
				Examiner Name	
				Attorney Docket Number	11302-1250

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
lm	116	4,930,942		Keyes et al.	6/90	
	117	4,966,808		Kawano	10/90	
	118	4,998,984		McClendon	3/91	
	119	5,009,652		Morgan et al.	4/91	
	120	5,033,172		Harrington	7/91	
	121	5,045,387		Schmalz	9/91	
	122	5,053,482		Tietz	10/91	
	123	5,057,361		Sayovitz et al.	10/91	
	124	5,084,136		Haines et al.	1/92	
	125	5,096,640		Brody et al.	3/92	
	126	5,097,004		Gallagher et al.	3/92	
	127	5,097,005		Tietz	3/92	
	128	5,102,601		Farris et al.	4/92	
	129	5,104,367		Hill	4/92	
	130	5,104,923		Steinwand et al.	4/92	
	131	5,120,598		Robeson et al.	6/92	
	132	5,145,727		Potts et al.	9/92	
	133	5,149,335		Kellenberger et al.	9/92	
	134	5,149,576		Potts et al.	9/92	
	135	5,171,308		Gallagher et al.	12/92	
	136	5,171,309		Gallagher et al.	12/92	
	137	5,171,402		Haines et al.	12/92	
	138	5,173,526		Vijayendran et al.	12/92	
	139	5,178,646		Barber, Jr., et al.	1/93	
	140	5,178,812		Sanford et al.	1/93	
	141	5,181,966		Honeycutt et al.	1/93	
	142	5,181,967		Honeycutt	1/93	
	143	5,182,162		Andrusko	1/93	
	144	5,196,470		Anderson et al.	3/93	
	145	5,205,968		Damrow et al.	4/93	
	146	5,206,064		Scholz	4/93	
	147	5,207,662		James	5/93	
	148	5,207,837		Honeycutt	5/93	
	149	5,208,098		Stover	5/93	
	150	5,216,050		Sinclair	6/93	
	151	5,217,495		Kaplan et al.	6/93	
	152	5,217,798		Brady et al.	6/93	
	153	5,219,646		Gallagher et al.	6/93	
	154	5,227,101		Mahoney et al.	7/93	

**RECEIVED**  
OCT 10 2001  
TC 1700

Examiner  
Signature  
*Guns Wadsworth*

Date  
Considered  
3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5

of 11

**Complete if Known**

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
W	155	5,246,647		Beck et al.	9/93	
	156	5,248,461		Pluyter et al.	9/93	
	157	5,256,417		Koltisko	10/93	
	158	5,257,982		Cohen et al.	11/93	
	159	5,264,269		Kakiuchi et al.	11/93	
	160	5,264,491		Quirk	11/93	
	161	5,270,358		Asmus	12/93	
	162	5,281,306		Kakiuchi et al.	1/94	
	163	5,286,538		Pearlstein et al.	2/94	
	164	5,295,985		Romesser et al.	3/94	
	165	5,300,192		Hansen et al.	4/94	
	166	5,304,420		Hirakawa et al.	4/94	
	167	5,312,883		Komatsu et al.	5/94	
	168	5,317,063		Komatsu et al.	5/94	
	169	5,330,827		Hansen	7/94	
	170	5,330,832		Liu	7/94	
	171	5,334,176		Buenger et al.	8/94	
	172	5,346,541		Goldman et al.	9/94	
	173	5,356,963		Kauffmann et al.	10/94	
V	174	5,360,826		Egolf et al.	11/94	
	175	5,366,804		Dugan	11/94	
	176	5,369,155		Asmus	11/94	
	177	5,384,189		Kuroda et al.	1/95	
	178	5,393,602		Urry	2/95	
	179	5,405,342		Roessler et al.	4/95	
	180	5,407,442		Karapasha	4/95	
	181	5,409,747		Pearlstein et al.	4/95	
	182	5,415,643		Kolb	5/95	
	183	5,415,813		Misselyn et al.	5/95	
	184	5,437,908		Demura et al.	8/95	
	185	5,442,016		Jarrett	8/95	
	186	5,458,591		Roessler et al.	10/95	
	187	5,466,410		Hills	11/95	
	188	5,466,518		Issac et al.	11/95	
	189	5,470,640		Modrak	11/95	
	190	5,470,941		Kim et al.	11/95	
	191	5,473,789		Oster	12/95	
	192	5,476,457		Roessler et al.	12/95	
	193	5,476,909		Kim	12/95	

RECEIVED  
OCT 10 2001  
TC 1700

Examiner  
Signature: *Amy Waeland*  
Date  
Considered: 3-23-02

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 6

of 11

**Complete if Known**

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

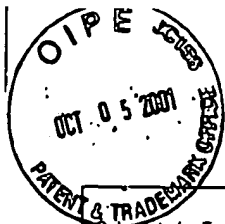
**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
M	194	5,486,307		Misselyn et al.	1/96	
	195	5,500,068		Srinivasan et al.	3/96	
	196	5,500,281		Srinivasan et al.	3/96	
	197	5,514,380		Song	5/96	
	198	5,519,085		Ma	5/96	
	199	5,522,841		Roby	6/96	
	200	5,530,074		Jarrett	6/96	
	201	5,532,300		Koubek et al.	7/96	
	202	5,532,306		Kauffman et al.	7/96	
	203	5,534,178		Bailly et al.	7/96	
	204	5,542,566		Glaug et al.	8/96	
	205	5,545,472		Koubek et al.	8/96	
	206	5,569,230		Fisher et al.	10/96	
	207	5,576,364		Isaac et al.	11/96	
	208	5,578,344		Ahr et al.	11/96	
	209	5,589,545		Ramachandran	12/96	
	210	5,604,195		Misselyn et al.	2/97	
	211	5,612,404		Das et al.	3/97	
	212	5,613,959		Roessler et al.	3/97	
	213	5,616,201		Finch et al.	4/93	
	214	5,618,911		Kirmua	4/97	
	215	5,620,788		Garavaglia et al.	4/97	
	216	5,629,081		Richards et al.	5/97	
	217	5,631,317		Komatsu et al.	5/97	
	218	5,647,862		Osborn III et al.	7/97	
	219	5,647,863		Hammons et al.	7/97	
	220	5,649,336		Finch et al.	7/97	
	221	5,670,110		Dirk et al.	9/97	
	222	5,684,075		Patel et al.	11/97	
	223	5,693,698		Patel et al.	12/97	
	224	5,695,551		Buckingham et al.	12/97	
	225	5,698,322		Tsai et al.	12/97	
	226	5,714,157		Sandell et al.	2/98	
	227	5,725,789		Huber et al.	3/98	
	228	5,725,821		Gannon et al.	3/98	
	229	5,753,246		Peters	5/98	
	230	5,756,112		Mackey	5/98	
	231	5,763,044		Ahr et al.	6/98	
	232	5,763,332		Gordon et al.	6/98	

RECEIVED  
OCT 10 2001  
C 1700

Examiner Signature: Amy Wachs Date Considered: 3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/900,698
		Filing Date	July 6, 2001
		First Named Inventor	Lang et al.
		Group Art Unit	1771
		Examiner Name	
Sheet 7	of 11	Attorney Docket Number	11302-1250

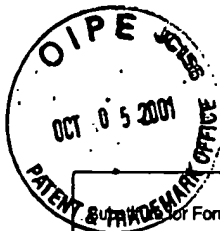
**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
aw	233	5,765,717		Gottselig	6/98	
	234	5,766,758		Hirakawa et al.	6/98	
	235	5,770,528		Mumick et al.	6/98	
	236	5,786,065		Annis et al.	7/98	
	237	5,795,921		Dyer et al.	8/98	
	238	5,800,417		Goerg-Wood et al.	9/98	
	239	5,837,627		Halabisky et al.	11/98	
	240	5,846,230		Osborn III et al.	8/98	
	241	5,849,805		Dyer	12/98	
	242	5,871,763		Luu et al.	2/99	
	243	5,899,893		Dyer et al.	5/99	
	244	5,916,678		Jackson et al.	6/99	
	245	5,935,384		Taniguchi	8/99	
	246	5,935,880		Wang et al.	8/99	
	247	5,948,710		Pomplun et al.	9/99	
	248	5,952,077		Booth et al.	9/99	
	249	5,952,251		Jackson et al.	9/99	
	250	5,958,187		Bhat et al.	9/99	
	251	5,971,138		Soughan	10/99	
	252	5,972,805		Pomplun et al.	10/99	
	253	5,986,004		Pomplun et al.	11/99	
	254	6,005,045		Klanica	12/99	
	255	6,010,972		Zacharias et al.	1/00	
	256	6,017,832		Yahiaoui et al.	1/00	
	257	6,028,016		Yahiaoui et al.	2/00	
	258	6,031,045		Wei et al.	2/00	
	259	6,042,769		Gannon et al.	3/00	
	260	6,043,317		Mumick et al.	3/00	
	261	6,053,235		Brozinsky	5/00	
	262	6,059,882		Steinhardt et al.	5/00	
	263	6,059,928		Van Luu et al.	5/00	
	264	6,098,836		Gottselig	8/00	
	265	6,103,858		Yamamoto et al.	8/00	
	266	6,121,170		Tsai et al.	9/00	
	267	6,127,593		Bjorkquist et al.	10/00	
	268	6,132,557		Takeuchi et al.	10/00	
	269	4,035,540		Gander	7/77	
	270	4,725,489		Jones et al.	2/88	
	271	4,732,797		Johnson et al.	3/88	

RECEIVED  
OCT 10 2001  
TC 1700

Examiner Signature: *Ally Wuehler* Date Considered: 3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 8

of 11

**Complete if Known**

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
[initials]	272	4,737,405		Bouchette	4/88	
	273	4,753,844		Jones et al.	6/88	
	274	4,740,398		Bouchette	4/88	
	275	4,772,492		Bouchette	9/88	
	276	4,772,501		Johnson, et al.	9/88	
	277	4,781,974		Bouchette et al.	11/88	
	278	5,049,440		Bornhoeft, III et al.	9/91	
	279	5,275,699		Allan et al.	1/94	
	280	5,905,046		Takeda et al.	5/99	
	281	5,958,187		Bhat et al.	9/99	
	282	5,958,555		Takeuchi et al.	9/99	
	283	5,866,675		Ahmed et al.	2/99	
	284	5,969,052		Mumick et al.	10/99	
	285	5,869,596		Ahmed et al.	2/99	
	286	5,980,673		Takeuchi et al.	11/99	
	287	6,059,928		Van Luu et al.	5/00	
	288	6,083,854		Bogdanski et al.	7/00	
	289	6,121,170		Tsai et al.	9/00	
	290	6,123,811		Komaranycky et al.	9/00	
	291	6,187,141	B1	Takeuchi et al.	2/01	
[initials]	292	6,190,502	B1	Takeuchi et al.	2/01	
	293	6,194,517	B1	Pomplun et al.	2/01	

**RECEIVED**  
OCT 10 2001  
TC 1700**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
[initials]	294	EP	1 050 297	A2	Fort James Corporation	8/11/00		
	295	EP	0 619 074	A1	Kimberly-Clark Corporation	10/12/94		
	296	EP	0 905 313	A2	Uni-Charm Corporation	3/31/99		
	297	JP	06220793	A	Dai Ichi Kogyo Seiyaku Co.	8/9/94		
	298	WO	00/39378	A2	Kimberly-Clark Corporation	7/6/00		
	299	WO	00/38751	A1	Kimberly-Clark Corporation	7/6/00		
	300	WO	99/25318	A1	The Procter & Gamble Co.	5/77/99		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
[initials]	301	WO	99/07273	A1	The Procter & Gamble Co.	2/18/99		

Examiner  
SignatureDate  
Considered

3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9

of 11

**Complete if Known**

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

302	WO	99/01106	A1	Firmenich S.A.	1/14/99
303	WO	01/13880	A1	Unilever PLC et al.	3/1/01
304	WO	00/00026	A1	The Procter & Gamble Co.	1/6/00
305	BE	748453		Badische Anilin & Soda Fabric.	4/70
306	CA	2057692		Isolyser. Co. -	10/92
307	CA	631395		Merriam, C.N.	11/61
308	DE	1719395		Badische Anilin & Soda Fabric	12/70
309	EP	0 103 902	A1	Tory Uno	3/84
310	EP	0 225 800	B1	Minn Mining & Manuf.	5/97
311	EP	0 241 127	B1	Rohm & Haas Co.	10/93
312	EP	0 303 528	B1	Fiberweb North America, Inc	2/89
313	EP	0 358 313	B1	Rohm and Haas Co.	8/93
314	EP	0 372 388	B1	Ikoma Seiko Higashi et al.	2/94
315	EP	0 411 752	B1	The Dexter Corporation	7/95
316	EP	0 421 163	B1	Kao Corporation	11/94
317	EP	0 443 627	B1	Kimberly-Clark Worldwide	6/97
318	EP	0 445 655	B1	E.I. DuPont De Nemours Co.	6/95
319	EP	0 507 878	B1	Minn. Min. & Manuf. Co.	4/95
320	EP	0 510 572	B1	Air Products & Chemicals	6/97
321	EP	0 531 112	B1	Crecia Corporation	3/98
322	EP	0 549 988	B1	Kimberly-Clark Worldwide	6/98
323	EP	0 552 762	B1	Minn. Min. & Manf. Co.	8/95
324	EP	0 572 569	B1	H.B. Fuller Licens. & Finan.	12/94
325	EP	0 580 764	B1	Minn. Mining and Manf. Co.	1/97
326	EP	0 580 811	B1	Bioelastics Research Ltd.	8/99
327	EP	0 582 123	B1	Air Prod. and Chemicals, Inc	2/94
328	EP	0 597 978	B1	Pearlstein	3/96
329	EP	0 598 204	B1	Kimberly-Clark Corporation	12/97
330	EP	0 601 518	A1	Air Products & Chem. Inc.	6/94
331	EP	0 608 460	A1	Lion Corporation	8/94
332	EP	0 613 675	A1	Johnson&Johnson Cons.Prod	9/94
333	EP	0 637 950	B1	The Procter & Gamble Co.	7/98
334	EP	0 639 381	A1	Kimberly-Clark Corporation	2/95
335	EP	0 648 871	A1	Kuraray Co.	4/95
337	EP	0 671 496	B1	BBA Nonwovens	4/99
338	EP	0 672 787	A2	James River Corp. of VA	9/95
339	EP	0 689 817	A2	Kimberly-Clark Corporation	1/96
340	EP	0 693 915	B1	The Procter & Gamble Co.	9/99
342	EP	0 699 727	B1	Nat'l Starch & Chem. Invt.	9/99
343	EP	0 706 361	B1	The Procter & Gamble Co.	3/99
344	EP	0 726 068	A2	E.R. Squibb & Sons	8/96
345	EP	0 765 649	A2	Kimberly-Clark Corporation	4/97

RECEIVED  
OCT 10 2001  
TC 1700

Examiner  
SignatureDate  
Considered

3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/APTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

Sheet 10 of 11

346	EP	0 766 755	B1	Acordis Fibres (Holdings)	12/99
347	EP	0 766 756	B1	Courtaulds Fibres (Holdings) L	9/98
348	EP	0 768 425	A2	James River Corp. of VA	4/97
349	EP	0 779 387	A2	National Starch & Chem. Inv	6/97
350	EP	0 781 538	A2	H.B. Fuller Licen. & Financ.	7/97
351	EP	0 761 795	A2	National Starch & Co.	3/97
352	EP	0 792 144	B1	The Procter & Gamble Co.	12/98
353	EP	0 793 743	B1	Kimberly-Clark Worldwide	3/00
354	EP	0 801 157	A2	Kuraray Co. Ltd.	10/97
355	EP	0 802 282	A4	Uni-Charm Corporation	10/97
356	EP	0 807 704	A1	Basf AG	11/97
357	EP	0 864 418	A2	Uni-Charm Corporation	9/98
358	EP	0 873 100	B1	The Procter & Gamble Co.	10/98
359	EP	0 875 233	A1	Fort James Corporation	11/98
360	EP	0 904 933	A2	Uni-Charm Corporation	3/99
361	EP	0 945 536	A2	Uni-Charm Corporation	9/99
362	EP	1 024 225	A1	Uni-Charm Corporation	8/00
363	EP	1 046 747	A1	Uni-Charm Corporation	10/00
364	FR	2672788		Peel Joo Lee	8/92
365	JP	4943114		Nippon Synth. Chem.	11/74
366	JP	5125123	A1	Lion Corp.	5/93
367	JP	6172453	A1	Lion Corp	6/94
368	JP	8239428	A1	Lion K.K.	9/96
369	RU	705013		Kiev Light Ind. Tech.	12/79
370	WO	90/03156	A1	Lyson Limited	4/90
371	WO	93/07199	A1	E.I. Dupont de Nemones	4/93
372	WO	94/25189	A1	Honeycutt, Travis	11/94
373	WO	95/18191	A1	Eastman Chem. Corp.	7/95
374	WO	96/12615	A1	Scott Paper Co.	5/96
375	WO	96/30576	A1	Kimberly-Clark Tissue Co.	10/96
376	WO	97/02375	A1	Kimberly-Clark Worldwide	1/97
377	WO	97/02376	A1	Kimberly-Clark Worldwide	1/97
378	WO	97/16597	A1	Uni-Charm Corporation	5/97
379	WO	97/18784	A1	The Procter & Gamble Co.	5/97
380	WO	97/47227	A1	Kimberly-Clark Worldwide	12/97
381	WO	98/29501	A1	Kimberly-Clark Worldwide	7/98
382	WO	98/36117	A1	Kimberly-Clark Worldwide	8/98
383	WO	98/41577	A1	Kimberly-Clark Worldwide	9/98
384	WO	98/44181	A1	Kimberly-Clark Worldwide	10/98
385	WO	98/48684	A1	Kimberly-Clark Worldwide	11/98
386	WO	99/06523	A1	The Procter & Gamble Co.	2/99
387	WO	98/53006	A1	Kimberly-Clark Worldwide	11/98

RECEIVED  
OCT 10 2001  
TC 1700Examiner  
Signature*Ann Macmillan*Date  
Considered

3-23-03

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ATLUB02 52921.1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>Substitute for Form 1449/A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		<b>Application Number</b>	09/900,698		
		<b>Filing Date</b>	July 6, 2001		
		<b>First Named Inventor</b>	Lang et al.		
		<b>Group Art Unit</b>	1771		
		<b>Examiner Name</b>			
<b>Sheet</b>	11	<b>of</b>	11	<b>Attorney Docket Number</b>	11302-1250

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
LM	388	Patent Abstract Japan, JP 06-207324 (Unitka Ltd.), 7/26/94.	
	389	Robeson, L.M., et al., "Microfiber Formation: Immiscible Polymer Blends Involving Thermoplastic Poly(vinyl Alcohol) as an Extractable Matrix", <i>J. Applied Polymer Science</i> , Vol. 52, pp. 1837-1846 (1994).	
	390	D 5034-11, "Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Grab Test)," 1994 Ann. Book of ASTM Standards, Vol. 7.02, pp. 708-709 (1994).	
	391	Abstract Derwent WPI, JP 5-179548 (Lion Corp), 7/20/93).	
	392	Abstract Derwent WPI and JAPIO, JP 03-239709 (Lion Corp) 10/25/91	
	393	Carlsson et al., "Thermal Gelation of Nonionic Cellulose Ethers and Ionic Surfactants in Water", <i>Colloids and Surfaces</i> , Vol. 47, pp. 147-165 (1990).	
	394	Abstract Derwent WPI, J: 1-306661 (Lion Corp) 12/11/89	
	395	Chowdhury et al., "Direct Observation of the Gelatin of Rodlike Polymers", <i>Poly. Mat. Sci. and Eng.</i> , Vol. 59, pp. 1045-1052 (9/88).	
	396	Abstract Derwent WPI and JAPIO, JP 63/139906 (Lion Corp.) 6/11/88	
	397	Nagura et al., "Temperature-Viscosity Relationships of Aqueous Solutions of Cellulose Ethers", <i>Kobunshi Ronbunshu</i> , Vol. 38 (3), pp. 133-137 (8/80).	
	398	Stafford et al., "Temperature Dependence of the Disintegration times of compressed tablets containing hydroxypropylcellulose as binder", <i>J. Pharm. Pharmac.</i> , Vol. 30, pp. 1-5 (8/77).	
	399	Govindan, T.S., "Process for Making Smooth Vapro-Permeable Microporous Sheet Material", <i>Defensive Publication</i> , Vol. T901 (007), (8/72).	

RECEIVED  
OCT 10 2001  
TC 1700

Examiner Signature		Date Considered	3-73-03
-----------------------	--	--------------------	---------

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☒ OTHER: NOT A CLEAN COPY.

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**